



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF: WC-15J

**CERTIFIED MAIL 7009 1680 0000 7672 4319**  
**RETURN RECEIPT REQUESTED**

Mr. Lee Heeren  
Illinois Environmental Protection Agency  
4302 North Main  
Rockford, Illinois 61103

**Subject: EPA Oversight Inspection Report**

Dear Mr. Heeren:

Enclosed, please find a copy of the U.S. Environmental Protection Agency Oversight Inspection Report for the inspection conducted by Illinois Environmental Protection Agency (IEPA) at Scheidairy Farms, Inc. on May 24, 2011. The purpose of the EPA oversight inspection report is to evaluate the IEPA's inspection report from the inspection conducted on May 24, 2011 and subsequent findings at Scheidairy Farms, Inc.

Should you find anything in the report that you disagree with, please provide a detailed response.

Thank you for your prompt attention to this matter. If you have any questions, please contact Joan Rogers of my staff at (312) 886-2785.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ryan J. Bahr", is positioned above the typed name.

Ryan J. Bahr, Chief, Section 2  
Water Enforcement and Compliance Assurance  
Branch

Enclosures

cc: Kirk W. Bergstrom, Rockford Field Office, IEPA  
Bruce Yurdin, IEPA



**U.S. ENVIRONMENTAL PROTECTION AGENCY  
REGION 5**

**CWA OVERSIGHT INSPECTION REPORT**

The purpose of this document is to provide an evaluation of a Confined Animal Feeding Operation (CAFO) inspection conducted by the Illinois Environmental Protection Agency (IEPA). This evaluation is conducted via comparison to a similar inspection performed by the U. S. Environmental Protection Agency (EPA).

<b>Inspection facility</b>	Scheidairy Farms, Inc. 1730 W. Buckeye Road Freeport, IL 61032
<b>NPDES permit status</b>	Facility is not permitted.
<b>IEPA inspection date</b>	May 24, 2011
<b>EPA inspection date</b>	August 24, 2011

Scheidairy Farm, Inc. is a medium dairy AFO located in northwestern Illinois. IEPA conducted an inspection at the site on May 24, 2011, and found no compliance issues (Attachment 1). On August 24, 2011, EPA conducted an inspection at the facility and also found no compliance issues.

Findings from the IEPA inspection are summarized below:

<b>Area of concern</b>	<b>Identified by IEPA 05/24/2011</b>
CNMP did not have information on the recently installed sand separation system.	X

The content of the inspection report is summarized below:

*General Information*

<b>Included in Report?</b>	<b>IEPA inspection 05/24/2011</b>
<b>Date and time of inspection</b>	Yes
<b>Type and purpose of inspection</b>	Yes
<b>Facility information</b>	Yes
<b>NPDES or other ID number</b>	N/A Facility is not permitted, no other ID number available.
<b>Inspection participants</b>	Yes

*Facility Information*

<b>Included in Report?</b>	<b>IEPA inspection 05/24/2011</b>
<b>Facility description and areas evaluated</b>	Yes for type of facility and number of animals. No mention of size of production area (in acres)
<b>Description of NPDES regulated activities pertinent to the inspection</b>	Yes
<b>Regulated areas evaluated during inspection</b>	Description of records review, nearest named waterway (although no distance listed), operations and maintenance, and waste handling were included. No mention of site review, or storm water management.

*Inspector Observations and Documentary Support of Observations*

<b>Included in Report?</b>	<b>IEPA inspection 05/24/2011</b>
<b>Narrative description of field activities conducted</b>	No narrative description of field activities or walk through of the facility, although photographs document the areas of the facility that were inspected.
<b>Permit requirement</b>	Yes
<b>Observations made regarding permit requirements</b>	Yes
<b>Information to support the observations that are made</b>	Yes
<b>Inspection checklists</b>	Yes
<b>Corrective actions</b>	N/A
<b>Report date and signatures</b>	Yes

*Inspection Report Sufficiency*

<b>INSPECTION</b>	<b>EVALUATION</b>
<b>IEPA inspection 05/24/2011</b>	The inspection is sufficient for making a compliance determination. The inspection report contains a description of the facility but lacks a narrative describing the inspection itself. Photographs are the only documentation of the walk-through portion of the inspection. The inspection report lacks any information as to the distance to the unnamed tributary southeast of facility.

Signature: Date: 9/27/11

Attachment:

IEPA inspection report 05/24/11.



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829  
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

## "Rockford Region Agricultural Field Investigation Report"

**File:** Scheidairy Farms, Inc.  
**County:** Stephenson  
**Date:** May 24, 2011 9:45 AM - 1:25 PM  
**Address:** 1730 W. Buckeye Road  
Freeport, IL 61032

**Phone:** Dairy farm office: 815-563-4190  
Doug Scheider: Exemption 6 and Exemption 7C  
Dan Scheider: [REDACTED]

**Persons Interviewed:** Doug Scheider Exemption 6 and Exemption 7C  
Dan Scheider ([REDACTED])

**Legal ID:** SE/13/T28N-R7E  
**Township:** Buckeye  
**Receiving Stream:** Richland Creek

**Accompanied by:** Kirk W. Bergstrom, Ag Eng/Rockford

**Animal Units:** 925

**Weather:** Dry, 70's

## INTRODUCTION

A reconnaissance inspection was completed at Scheidairy Farms, Inc. on this date. Scheidairy Farms is a 660 cow freestall dairy that was constructed in 2001. Kirk Bergstrom assisted with the compliance inspection. The facility is located in Section 13 of Buckeye Township in Stephenson County, Illinois. Weather conditions were dry with a temperature in the 70's. Doug and Dan Scheider accompanied the inspection. Richland Creek is the nearest named tributary to the facility.

## FACILITY DESCRIPTION

### Dairy Buildings

- **Freestall barn:** 112 ft wide x 390 ft long; 6 row, 496 total freestalls; sand bedded. Manure is scraped three times/day into a slatted pit. Pit has scraper that pushes sand laden manure into a piston pump which transfers the manure to the sand separation building.

- **Inactive freestall:** An older freestall barn located near the small holding pond is currently not used. Scheidairy is planning on remodeling this facility and having their engineer design an appropriate concrete manure storage to store the waste. The project should be completed by Fall 2011. Dry cows and springing heifers that are currently being custom raised will return to this facility after remodeling is finished.
- **Special needs barn:** 112 ft wide x 120 ft long; contains approximately 100 freestalls; used to segregate pre-fresh cows, post-fresh cows, and treated cows. Some areas utilize a bedding pack. Freestalls are scraped into manure system.
- **Receiving barn:** A small, older, open-sided barn is located near the commodity barn. It is used to house dairy animals that return to the farm as close-up dry cows or close-up springing heifers. These animals are moved to the special needs barn when space is available. This barn has new commercially sized eave guttering.

A small concrete feedlot accompanies the receiving barn on the south side. A 6-inch concrete berm protects feedlot runoff from discharging on the east side of the feedlot. The feedlot was maintained extremely well.

- **Parlor, office, break rooms, supply area:** Parlor is a double-12 parallel parlor with individual milk meters and individual cow identification. Parlor wash water enters manure system to assist cleaning the recycled sand.
- **Sand separation building:** Sand laden manure goes through a series of processing to remove the sand from the dairy manure. A fiber separator is also located in the sand separator building. Manure sludge enters the anaerobic digester. Separated sand is stockpiled on a concrete drainage pad and recycled as bedding material.
- **Gray water basins:** Two concrete basins hold wastewater from the parlor and other gray water waste for use in the sand separation system. This water is continually reused for the sand separation process. Excess water from this area is pumped to the digester.
- **Recycled sand storage pad:** A concrete pad was being constructed to stack recycled sand on. The pad will measure 100 ft x 120 ft. upon completion. Liquid wastewater from the stacked sand drains directly into a reception pit.

- **Methane digester:** A 700,000 gallon anaerobic digester holds wastewater 21 days before it is pumped to the 7 MG holding pond. The anaerobic digester is not used currently to generate hot water for the dairy facility. Electricity is not currently being generated due to a low profit margin of selling the electricity back to Com Ed. Excess methane is flared off. Liquid waste coming out of the digester is pumped to the 24-inch pipe that empties into the large waste storage holding pond. The digester is designed to overflow directly into the 24-inch piping in case of mechanical problems.
- **Waste holding ponds:** There are two holding ponds. A 7 million gallon earthen holding pond (213 ft x 338 ft x 14.5 ft) is emptied by a professional applicator (Jeff Kinzle) each spring and fall by use of an umbilical hose and injector applicator. Approximately 400 acres are covered with each application. Rates were reported around 20,000 gal/acre. A freeboard marker was present. Approximately 5 ft of freeboard was available. A small waste holding pond (673,200 gallons) was constructed in Spring 2011 to collect leachate runoff from the silage pad and feed mixing area.
- **Standby power:** A power take off (PTO) unit is available for emergency power.

#### **Feed Storage**

- **Silage pad:** Approximately 6000 tons of corn silage and 3000 tons of haylage are stored on an asphalt pad measuring 150 ft wide x 600 ft long. Leachate runoff is channeled through a grass filter measuring 90 ft x 250 ft and ultimately into a small holding pond.
- **Large plastic silage bags:** Approximately 6-12 bags of silage (12 ft dia. x 250 ft long) are produced annually. The bags are located just north of the large silage pad. Leachate runoff is channeled to the silage pad area and into the grass filter and small holding pond.
- **Liquid supplement storage tanks:** A cheese processing waste (Scotta) containing a form of sugar used in the cattle rations is stored in two 6500 gallon vertical storage tanks. Potential runoff is channeled toward the grass filter and small holding pond.
- **Commodity storage shed:** A 50 ft x 100 ft enclosed metal shed is utilized for storing various feedstuffs used for the dairy rations. Potential runoff is captured by the small holding basin.

- **Hay storage shed:** A covered hay storage area is located in an open-sided building next to the generator room.

CNMP

A CNMP was developed in 2005 by **Exemption 6 and Exemption 7C** of Lena, Illinois. The plan was reviewed and found adequately complete with the exception of the recently installed sand separation system. Manure application records, nutrient analysis, maintenance records, and precipitation records were found to be updated. Both Doug and Dan Scheider were very knowledgeable of the contents of the manure management plan and were implementing it daily.

SUMMARY

An exit interview was conducted at the conclusion of the inspection. Doug and Dan Scheider were complimented for their astute management of the dairy facility. The facility has undergone major changes to the waste management portion of the dairy since converting to sand bedding. Recent improvements were made to contain, treat, and store the leachate runoff from the silage and commodity areas. The Scheiders appear keenly proficient in their dairy profession.

No compliance violations were observed during the inspection. No NPDES permit is required at this time.

  
\_\_\_\_\_  
Lee Heeren, Ag Specialist

LH/svf

Attachments:

Maps  
Livestock Facility Inspection Checklist  
Photos

cc: DWPC/FOS and Records Unit  
Rockford Region





# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

## Livestock Facility Inspection Checklist

<b>GENERAL INFORMATION</b>							
TYPE OF INSPECTION: <input checked="" type="checkbox"/> CAFO <input type="checkbox"/> COMPLAINT <input type="checkbox"/> RECONNAISSANCE <input type="checkbox"/> ERU FOLLOW UP <input type="checkbox"/> OPERATOR REQUEST <input type="checkbox"/> OTHER							
FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.) <b>Scheldalry Farms, Inc.</b>					INSPECTION DATE <b>5-24-11</b>		ARRIVAL TIME <b>9:45 AM</b>
ADDRESS <b>1730 W. Buckeye Road</b>				INSPECTOR(s) <b>Lee Heeren</b>		DEPARTURE TIME <b>1:25 PM</b>	
CITY <b>Freeport</b>		STATE <b>IL</b>	ZIP CODE <b>61032</b>	ACCOMPANIED BY (if applicable) <b>Kirk W. Bergstrom</b>			
LEGAL DESCRIPTION		COUNTY <b>Stephenson</b>	SECTION <b>13</b>	TOWNSHIP <b>28N</b>	RANGE <b>7E</b>	TEMPERATURE <b>65 deg. F</b>	PRECIPITATION TYPE <b>Sunny</b>
Facility Owner(s): <input type="checkbox"/> Same as Facility	NAME <b>Doug Schelder</b>			CONTACTED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PHONE <b>Exemption 6 and Exemption 7C</b>		MOBILE <b>Exemption 6 and Exemption 7C</b>
	ADDRESS <b>Exemption 6 and Exemption 7C</b>			CITY <b>Exemption 6 and Exemption 7C</b>	STATE <b>Exemption 6 and Exemption 7C</b>	ZIP CODE <b>Exemption 6 and Exemption 7C</b>	
	NAME <b>Dan Schelder</b>			CONTACTED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PHONE <b>Exemption 6 and Exemption 7C</b>		MOBILE <b>Exemption 6 and Exemption 7C</b>
	ADDRESS <b>Exemption 6 and Exemption 7C</b>			CITY <b>Exemption 6 and Exemption 7C</b>	STATE <b>Exemption 6 and Exemption 7C</b>	ZIP CODE <b>Exemption 6 and Exemption 7C</b>	
Facility Operator(s): <input type="checkbox"/> Same as above	NAME			CONTACTED <input type="checkbox"/> YES <input type="checkbox"/> NO	PHONE		MOBILE
	ADDRESS			CITY	STATE	ZIP CODE	
	NAME			CONTACTED <input type="checkbox"/> YES <input type="checkbox"/> NO	PHONE		MOBILE
	ADDRESS			CITY	STATE	ZIP CODE	
<b>NPDES PERMIT INFORMATION</b>							
1. What type of NPDES permit has been issued? <input type="checkbox"/> Individual NPDES Permit <input type="checkbox"/> General NPDES Permit						NPDES #	
2. What date was the NPDES permit issued?							
3. What date does the NPDES permit expire?							
4. Is a copy of the NPDES permit onsite?						<input type="checkbox"/> YES <input type="checkbox"/> NO	
5. Permitted number of animal units?							
6. Does the NPDES Permit contain a compliance schedule?						<input type="checkbox"/> YES <input type="checkbox"/> NO	
7. Have there been any changes made to the production area since the permit was issued?						<input type="checkbox"/> YES <input type="checkbox"/> NO	
If "YES", provide a detailed description of those changes. <b>None</b>							

LAND APPLICATION/NUTRIENT MANAGEMENT		
1. How many TOTAL acres are available for land application?	<u>1000</u> acres	
2. How many acres are READILY available for land application at the time of inspection?	<u>380</u> acres	
3. Estimated annual quantities of liquid waste	<u>9.0M</u> gallons	
4. Estimated annual quantities of solid waste	_____ tons	
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: <u>Jeff Kintzel (Kintzel Construction)</u>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
6. What type of land application equipment is available to the facility? <input type="checkbox"/> Umbilical Injection <input type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation <input type="checkbox"/> Rotational Gun <input checked="" type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____		
7. Does the facility calibrate the land application equipment? If "YES", What method is used?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
10. Does the facility land apply near any residences? If "YES", Explain	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records	<input type="checkbox"/> YES <input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO <input type="checkbox"/> NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
14. Are the number of acres owned/leased consistent with those in the NMP?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
16. Are all of the records identified in the NMP being maintained and kept current?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
17. Are records being maintained at the required frequency?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

<b>Facility Type</b>			
<input type="checkbox"/> Total Confinement Buildings		<input type="checkbox"/> Open Earthen Feedlot	
<input type="checkbox"/> Open Confinement Buildings		<input type="checkbox"/> Vegetated Pasture	
<input type="checkbox"/> Open Concrete Feedlot		<input type="checkbox"/> Other _____	
<b>Type of Animals</b>	<b>Number of Animals (currently)</b>	<b>Capacity</b>	<b>Type of Confinement</b>
<b>DAIRY MILKING</b>	<b>580</b>	<b>496 stalls</b>	<b>Freestall barn</b>
<b>DAIRY MILKING</b>	<b>86</b>	<b>100 stalls</b>	<b>Freestall barn</b>
Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)? <input type="checkbox"/> N/A <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan? <input checked="" type="checkbox"/> N/A <input type="checkbox"/> YES <input type="checkbox"/> NO			
If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review? <input checked="" type="checkbox"/> N/A <input type="checkbox"/> YES <input type="checkbox"/> NO			
Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. <b>Argyle, Wisconsin - Heifers/Dry cows</b> <b>Bremmer - Heifers</b>			<input type="checkbox"/> YES <input type="checkbox"/> NO
1. Does the facility have any existing livestock waste containment system? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If NO, then proceed to question 10.			
2. General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas). <b>See attached report</b>			

Type of Storage	Total Storage Capacity (Specify Units)
<input type="checkbox"/> Anaerobic Lagoon	
<input type="checkbox"/> Covered Lagoon	
<input checked="" type="checkbox"/> Holding Pond	<b>7M and 750,000 gallons</b>
<input type="checkbox"/> Above Ground Storage Tank ("Slurrystore")	
<input type="checkbox"/> Below Ground Storage Tank	
<input type="checkbox"/> Settling Basin	
<input checked="" type="checkbox"/> Roofed Storage Shed	
<input checked="" type="checkbox"/> Concrete Pad	
<input type="checkbox"/> Impervious Soil Pad	
<input checked="" type="checkbox"/> Underfloor Pits	
<input checked="" type="checkbox"/> Anaerobic Digester	
<input type="checkbox"/> Manure Stacks	
<input checked="" type="checkbox"/> Vegetative Filter	
<input checked="" type="checkbox"/> Other <u><b>recycled sand drain. pad</b></u>	<b>100 ft x 120 ft concrete</b>
<input type="checkbox"/> None	

3. Do the storage structures have depth markers or staff gauges? ☒ YES ☐ NO

4. Are levels of manure in the storage structures recorded and records kept? ☐ YES ☒ NO

5. Do the storage structures have adequate freeboard? ☒ YES ☐ NO

6. Estimated final stage storage structure freeboard **60** in.

7. Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO

8. Are the routine visual inspections documented? ☒ YES ☐ NO

9. Does the system have an outfall or discharge point? ☐ YES ☒ NO

If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).

**None**

10. Are there any portions of the production area where runoff is not controlled? ☐ YES ☒ NO

If "YES", provide a detailed description of the area(s) of concern:

**None**

#### **MORTALITIES MANAGEMENT**

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)

**Mortalities are covered with a tarp and picked up by a rendering service**

2. Are mortalities documented and are records kept? ☒ YES ☐ NO

**FACILITY WATER SOURCES**

1. What type of method is used to provide drinking water for the animals?  
☒ Overflow waters   ☐ Tip Tanks   ☐ Nipple waters   ☐ Water Bowls   ☐ Other \_\_\_\_\_
2. How is the water for animals obtained?  
☐ Community PWS   ☒ On-Site Well   ☐ On-Site Impoundment   ☐ Other \_\_\_\_\_
3. Is a mist cooling system used? ☒ YES   ☐ NO  
How is mist water contained?  
**Misting is performed near feeding areas and in a manure alley. Additional water is scraped into manure system.**

**DAIRY OPERATION (If no dairy, skip this section)**

1. How many times per day are cows milked? 3
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.  
**To gray water tank which is used for sand washing. (All waste to pond.)**
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.  
**Raw milk is loaded directly to semi tank trailers.**
5. Describe where process wastewater from the plate cooler goes and how it is contained.  
**Plate cooling water goes to an underground tank and used for cattle water. Excess flows to holding pond.**

**BEDDING (If no bedding, skip this section)**

1. Describe what type of bedding is used for the animals.  
**Mason sand from Beloit**
2. Describe how bedding is collected and how often.  
**Bed 2/week**
3. What is done with the used bedding? ☒ Reused   ☐ Land Applied

**MANURE COLLECTION**

1. How is manure collected?

- ☐ Under Floor Pit  
☒ Scraped: ☐ Automatic ☐ Manual  
☐ Flush  
☐ Solids Separator  
☒ Other: **Sand Separator**  
☐ None

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.

**Water dilutes manure in closed loop****FEED STORAGE/CONTAINMENT**

1. Describe how feed (silage, hay, etc) is contained.

- ☒ Bulk Bins  
☒ Silage Pit  
☒ Ag Bags  
☒ Hay: ☒ Barn ☒ Outdoor  
☐ Other: \_\_\_\_\_

2. Describe how feed (silage, hay, etc) runoff is contained.

- ☐ Not Applicable – Feed totally enclosed  
☒ Other: **Runoff directed to vegetated filter area w/excess wastewater directed to an earthen holding pond.**  
☐ None

**RECEIVING SURFACE WATERS**

1. Provide a description of the flow path from the facility to the nearest named surface water.

**Unnamed tributary southeast of Buckeye Road**

2. What is the name of the receiving stream?

**Richland Creek**3. Status of the named surface water: ☐ Intermittent ☒ Perennial4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NOIf "YES", provide a description of the deposits: **None**



**DISCHARGES**

1. Have there been any documented discharges of livestock waste to surface water *in the past year*? If "NO" proceed to question 2. ☐ YES ☒ NO

a. If "YES", specify the date(s).

b. What was the reason for the discharge?

c. Was the discharge the result of a 25 year-24 hour rainfall event? ☐ YES ☐ NO

d. What was the precipitation amount? (if applicable)

e. Was IEMA notified of the discharge? ☐ YES ☐ NO

f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)? ☐ YES ☐ NO

If "YES", describe actions taken:

None

2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section. ☐ YES ☒ NO

b. Was the discharge the result of a 25 year-24 hour rainfall event? ☐ YES ☐ NO

c. What was the precipitation amount? (if applicable)

d. What is the reason for the discharge?

**OTHER COMMENTS/NOTES**

None

Will an inspection report be attached? ☒ YES ☐ NO

**INSPECTOR'S SIGNATURE**

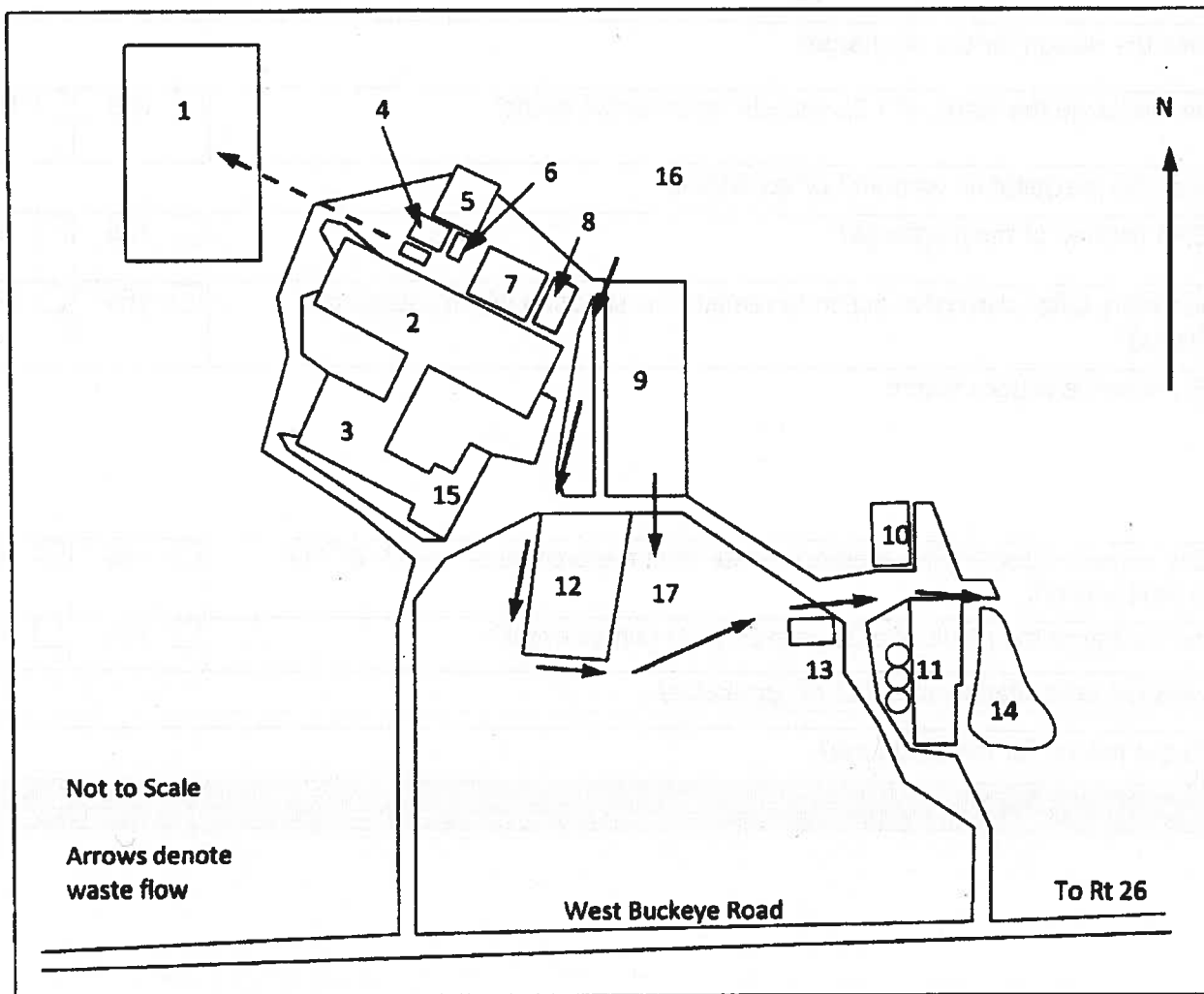
**REPORT DATE**

5-24-11

Cc: BOW/DWPC/RU

Attachments: \_\_\_\_\_

SCHEIDAIRY FARMS – 1730 W Buckeye Rd, Freeport IL – 5/24/2011 Inspection




Map Point	Description
1	7 MG earthen manure storage basin
2	Freestall barn
3	Special needs barn
4	Sand and solids separation building
5	Recycled sand storage and drainage pad
6	Waste receiving pit
7	0.7 MG anaerobic digester
8	Solids separator and electric generator building
9	Corn silage pad
10	Commodity storage building
11	Inactive freestall barn
12	Hay storage pad
13	Receiving barn and concrete feedlot
14	Earthen detention basin
15	Office and Milking Parlor
16	Silage bag storage area
17	Grass filter








**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of office, milk parlor, and bulk tankers. View is west.	
<b>Photo #:</b> 1	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(4)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of freestall barn. Storm water flows to tile inlet in rip rap at center of photo. View is north.	
<b>Photo#:</b> 2	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(3)	


Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of special needs barn. View is northwest.	
<b>Photo #:</b> 3	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(1)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of freestall barn. View is northwest.	
<b>Photo #:</b> 4	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(5)	

Initials: svf



**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of freestall barn showing interior. View is northwest.	
<b>Photo #:</b> 5	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(8)	

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of freestall barn showing piston pump in garage that transfers manure to waste handling facilities.	
<b>Photo#:</b> 6	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(18)	

Initials: svf








**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of sand separator. View is inside sand separator building looking northwest.	
<b>Photo #:</b> 7	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(20)	

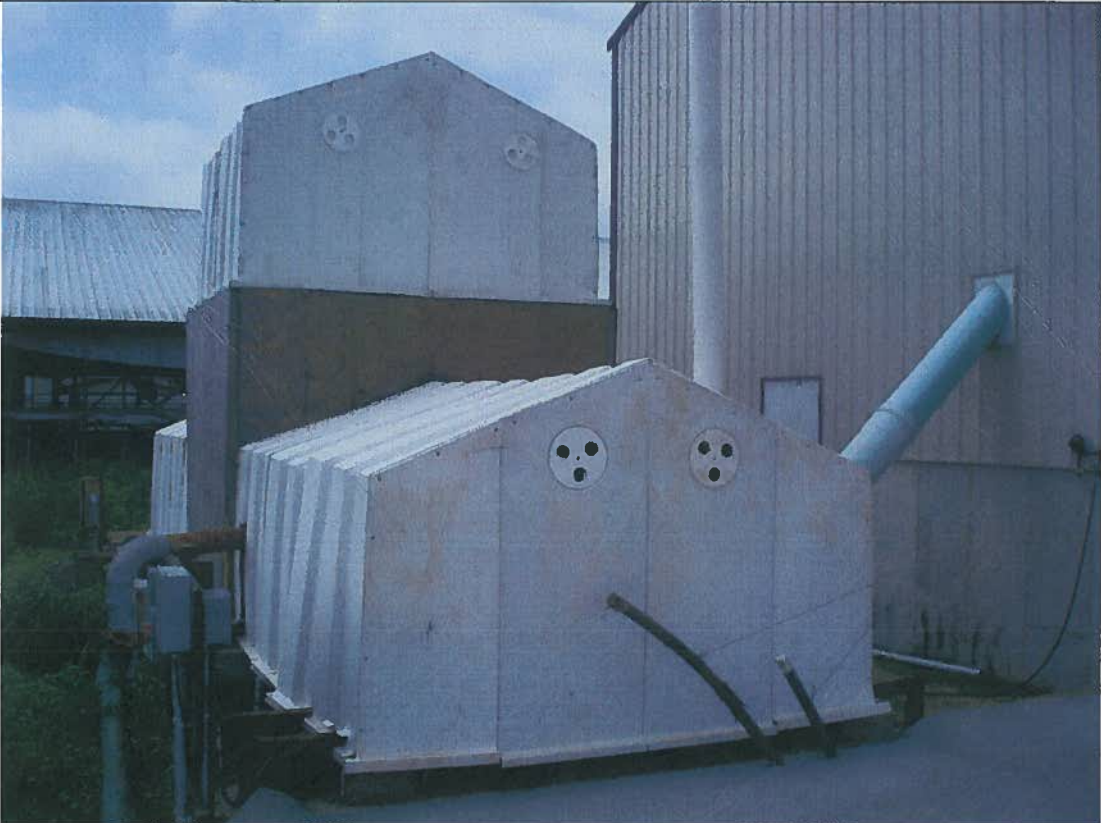
<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of gray water basins. Water flows from milking parlor to basins and is recycled in sand and manure separation. Excess gray water is pumped to the anaerobic digester.	
<b>Photo #:</b> 8	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(19)	


**Initials:** svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of covered pit housing pumps adjacent to sand separator building. Freestall barn is in background. Runoff from recycled sand storage will flow to pit via opening under the front shed. View is southwest.	
<b>Photo #:</b> 9	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(23)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of sand separator building with recycled sand at right of photo. View is southwest.	
<b>Photo#:</b> 10	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(24)	


Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of recycled sand storage pad under construction. Runoff will enter pit under shed at right of photo. Silage bags are visible in background. View is northeast.	
<b>Photo #:</b> 11	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(22)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of anaerobic digester (700,000 gallons) with freestall barn in background. View is southwest.	
<b>Photo #:</b> 12	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(17)	


Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of freestall barn and grass swale for storm water runoff. View is southeast.	
<b>Photo #:</b> 13	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(33)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of special needs barn. View is southwest.	
<b>Photo#:</b> 14	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(32)	

**Initials:** svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of interior of calving area within special needs barn.	
<b>Photo #:</b> 15	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(35)	

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of hay bale storage barn. This barn contains the inactive manure separator and is no longer used for recycled bedding.	
<b>Photo #:</b> 16	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(13)	

*Initials:* svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the south end of 7 MG waste holding lagoon. The floating staff gauge is visible and will stand vertically when waste depth increases.	
<b>Photo #:</b> 17	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(30)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> Another view of the 7 MG waste holding lagoon showing the discharge pipe from the manure separation facilities.	
<b>Photo#:</b> 18	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(31)	


Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the Scotta (cheese whey) holding tanks and small containment berm. Silage bags are visible in background. Runoff will flow toward point of view and then to grass swale and finally to holding pond. View is northeast.	
<b>Photo #:</b> 19	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(11)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of haylage in background with corn silage pad to right. View is east.	
<b>Photo #:</b> 20	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(12)	

Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of runoff path from haylage and silage bag area. Runoff will flow to west of haylage storage pad in background and then to the holding pond. View is southwest with freestall barn at right.	
<b>Photo #:</b> 21	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(15)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of haylage storage pad. Runoff will flow to swale at right and in background and then to holding pond. View is south.	
<b>Photo#:</b> 22	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(10)	


Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of swale downhill from haylage pad that will direct runoff and leachate to the holding pond.	
<b>Photo #:</b> 23	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(36)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the silage pad with recycled bedding sand in foreground.	
<b>Photo #:</b> 24	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(50)	


**Initials:** svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the grass filter downhill from the silage pad. Discharges will enter swale in foreground and flow to the holding pond. View is north with freestall barn at upper left.	
<b>Photo #:</b> 25	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(38)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the swale that directs runoff from silage pad and haylage pad to the holding pond. Commodity storage shed is visible in background. <small>Exemption 6 and Exemption 7C</small> <b>Exemption 6 and Exemption 7C</b> View is east.	
<b>Photo#:</b> 26	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(37)	


Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the receiving barn and feedlot. View is southeast.	
<b>Photo #:</b> 27	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(39)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> Another view of the receiving barn. Eave gutters and feedlot containment are visible.	
<b>Photo #:</b> 28	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(48)	


**Initials:** svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the inactive freestall barn at right. Runoff from silage pads will flow to the holding pond behind the barn. View is east.	
<b>Photo #:</b> 29	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(40)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> Another view of the inactive freestall barn. View is southeast.	
<b>Photo#:</b> 30	
<b>Photo Title:</b> 052411_ScheidairyFarms_KWB(44)	

Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the commodity storage shed. Runoff from silage pads will flow via gravel drive toward view point and then to the holding pond. View is northwest.	
<b>Photo #:</b> 31	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(43)	


<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of temporary mortality storage area.	
<b>Photo #:</b> 32	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(47)	

Initials: svf





**IEPA - DIVISION OF WATER POLLUTION CONTROL  
DIGITAL PHOTO REPORT**

<b>Date:</b> 5-24-11	<b>Site Name:</b> Scheidairy Farms
<b>Photo By:</b> Kirk W. Bergstrom	
<b>County:</b> Stephenson	
<b>Comments:</b> View of the waste holding pond. Clean water diversion is to left. Freeboard marker is visible at left of pond. West Buckeye Road is visible behind berm. View is south.	
<b>Photo #:</b> 33	
<b>Photo Title:</b> 052411_ ScheidairyFarms_KWB(45)	

*Initials:* svf

